

# Emergency Triage, Treat, and Transport (ET3) Model

## ET3 Updates

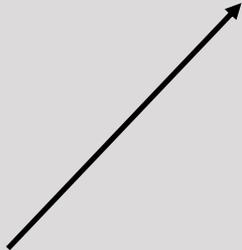
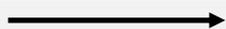
NEMESIS IMPLEMENTATION MEETING

12/23/2020

# Status: ET3 & PCR Data Submission

- **Emergency Triage, Treat, and Transport (ET3) Model** will be ready to receive submission of electronic Patient Care Report (ePCR or PCR) data from Participants starting Jan 1<sup>st</sup>, 2021
  - **16 Vendors** successfully completed testing ET3 onboarding system processes
  - Once onboarded, PCR data submissions must be in **NEMESIS version 3.4 format**
  - **170 Participants** have confirmed their involvement in ET3 through executed PA documentation
  - Initial submission – **due February 28, 2021**
  - Subsequent – due **last day of each subsequent month**

**PARTICIPANTS**



**ePCR  
SOFTWARE VENDORS**

**NHTSA EMS/NEMESIS TAC**

**CMS  
ENTERPRISE  
PORTAL**

<https://portal.cms.gov/>

**CMS  
INNOVATION  
CENTER (IC)  
PORTAL**

**ET3  
DATA  
EXCHANGE  
PLATFORM**

**ET3  
APPLICATION  
PROGRAMMING  
INTERFACE  
(API)**

**CMS Enterprise Portal:**

ET3 stakeholders can access the IC Application and the ET3 Application through the CMS ePortal

**CMS Innovation Center (IC) Portal:**

All users must submit a request to access the ET3 Applications in the IC Portal before they can use the ET3 Applications

**ET3 Data Exchange Platform (CDX):**

CMS IT system designed for exchanging ET3 data with outside systems

**ET3 Application Programming Interface (API):**

CMS IT platform used to exchange data with ET3 Participant Vendors

# Timeline: PCR Data Submission

## Initial Data Submission

- Two sets of PCRs:
  - All generated March 2019 to February 2020
  - All generated in January 2021
- Deadline: February 28, 2021

## Subsequent Data Submission

- All PCRs generated in a calendar month due by last day of the *following* month
- Example: PCRs generated in February 2021 will be due March 31, 2021
- Deadline: last day of each month, starting March 31, 2021

# Resources

- ET3 Data Submission Guide
- ET3 Data Submission Webinar
- ET3 User Manual
- General questions on data submission requirements?
  - ET3 Project Officers
  - [ET3Model@cms.hhs.gov](mailto:ET3Model@cms.hhs.gov)
- Technical questions on data submission platform?
  - 1-888-734-6433
  - [IDOSServiceDesk@cms.hhs.gov](mailto:IDOSServiceDesk@cms.hhs.gov)

# ET3 Vendor Testing

# Vendor Participation

- Successfully held three (3) ET3 test cycles in Oct, Nov, Dec 2020
- 16 Vendors engaged in ET3 Testing Cycles
- Goal: Prepare Vendors for ET3 Onboarding process

Vendors Engaged in ET3 Testing	
AngelTrack	Kaitlyn Hanka
BeyondLucid	David Saylor
Digitech	Ryan Smith
EPR Fireworks	Benny Shalev
ESO/SafetyPAD	Samantha Helge
FieldMed	Daniel Frey
ImageTrend	Kelly Clark
Inspironix	Matthew Grigas
Marcologic/CodeRed EMS	Steve Conway
MEDS/GMR	Halyna Petrechko, Jen Correa, Iryna Domchak
R1	Frank Sloan
StarWest Tech	Gary Ramsey
Stryker	Kim Berrisford
TraumaSoft	Jeremy Laird
ZOLL	Peter Dal Santo, Keenan Early
ZOLL - EMS Charts	Adam Mihlfried

# ET3 Test Results - Example

ON BOARDING TESTING – ROUND 3

**ESO**

API KEY NAME: ESO Test Key 1, ESO Test Key - Stage

VENDOR POC

**Anthony Tackett, Samantha Helge**

[anthony.tackett@eso.com](mailto:anthony.tackett@eso.com), [samantha.helge@esosolutions.com](mailto:samantha.helge@esosolutions.com)

KEY STATUS  
**Active**

API CONNECTIVITY RESULTS  
**Successful**

PCR SUBMISSIONS  
**41 Total**

SUCCESSFUL / FAILED\*  
**41 / 0**

## VENDOR REPORTED DEFECT:

**NO ISSUES REPORTED.**

## DEFECT FIX & RETEST STATUS:

**NO ISSUES REPORTED.**

HTTP STATUS CODE 200

**41**

SUBMISSION STATUS CODE 3

**28**

SUBMISSION STATUS CODE - 12

**13**

# ET3 Suggestions List - Status

Suggestion	Status	Comment
<p>1a. Vendors expressed concern over limited API keys availability per IP address in production and testing environments.</p> <p>1b. Confirm if organization labels should be at the Participant Agency or Vendor level</p>	<b>Under Review</b>	<ul style="list-style-type: none"> <li>- Limit: Two (2) keys per Participant</li> <li>- The term "Organization" is synonymous with Participant</li> <li>- Multiple person(s) from the same Participant/Vendor can request a User ID &amp; PW; however, the same security key will be issued to each person's user profile</li> <li>- User Interface designs are under review that will support registering a single user who will be requesting security keys on behalf of multiple participants.</li> </ul>
2. Vendors suggested to separate the IP address process from the API Key.	<b>Closed</b>	- The IP Address is already separated from the API Key
3. Vendors suggested it is burdensome to have vendors regenerate a new key every 60 days for each customer /organization/agency.	<b>In-Development</b>	<ul style="list-style-type: none"> <li>- Federal regulations (e.g. FedRamp, etc.) that have compliance rules must be considered.</li> <li>- Target renewal period will be moved to (90) days.</li> </ul>
4. Allow a way for Vendors to review the data transmissions they have submitted to CMS.	<b>In-Development</b>	<ul style="list-style-type: none"> <li>- Proposed dashboard will be the ultimate solution</li> <li>- For now, CMS will provide this support during testing via reports</li> </ul>
5. Vendors suggested the request handle should be a unique/transaction ID rather than a text code.	<b>Completed</b>	<ul style="list-style-type: none"> <li>- Targeted for delivery in CY2021</li> <li>- Available for test in the CMS VAL environment</li> </ul>
6. Email field should auto populate from IC in the requester screen of the ET3 Data Submission.	<b>Completed</b>	- Targeted for delivery in CY2021
7. Support for <i>ASYNCRONOUS</i> processing - Use of "RetrieveStatus" to accommodate vendors' preferences in data transmission	<b>In-Development</b>	- Targeted for delivery in CY2021
8. A few participants operate in states that only accept NEMSIS 3.3.4 data (Texas, North and South Carolina).	<b>Closed</b>	ET3 will ONLY accept v3.4 on Jan 01.

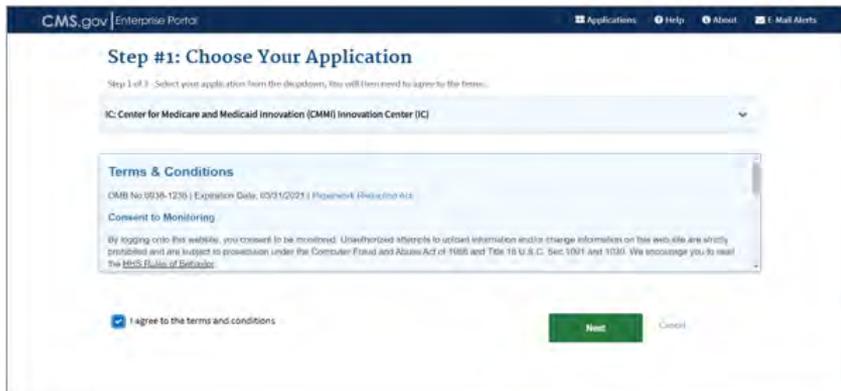
# ET3: Tips and Techniques

## Key Takeaways

### 1. Ensure your web browser is supported



### 2. Always select the IC Center for Medicaid Innovation (CMMI) Innovation Center (IC) when choosing your application



CMS.gov | Enterprise Portal

Step #1: Choose Your Application

Step 1 of 3 - Select your application from the dropdowns, you will then need to agree to the terms.

IC Center for Medicare and Medicaid Innovation (CMMI) Innovation Center (IC)

Terms & Conditions

OMB No 0938-1236 | Expiration Date: 03/31/2021 | Paperwork Reduction Act

Consent to Monitoring

By logging onto this website, you consent to be monitored. Unauthorized attempts to obtain information about charge information on this website are strictly prohibited and are subject to prosecution under the Computer Fraud and Abuse Act of 1986 and Title 18 U.S.C. Sec. 1037 and 1030. We encourage you to read the [HHS Public Law](#).

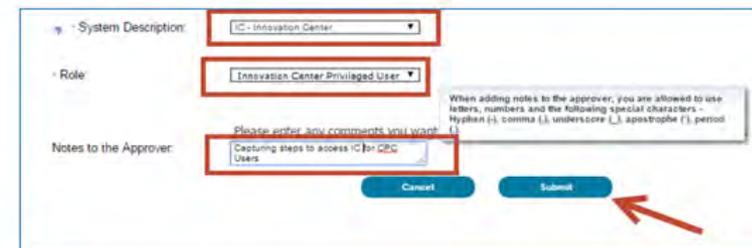
I agree to the terms and conditions

Next Cancel

### 3. Providing SSN information is only required for RDP process

- Your Social Security Number (SSN) will be validated with Experian only for the purpose of verifying your identity

### 4. When requesting new system access, always select the Innovation Center Privileged User role



System Description: IC - Innovation Center

Role: Innovation Center Privileged User

Notes to the Approver: Please enter any comments you want to add. Capturing steps to access IC for CEG Users

When adding notes to the approver, you are allowed to use letters, numbers and the following special characters - Hyphen (-), comma (,), underscore (\_), apostrophe ('), period (.)

Cancel Submit

# ET3: Tips and Techniques

## Key Takeaways (cont.)

### 6. Security Key Authentication Request

#### API Key Request

\* Indicates a required field

Details

Key Name \*  
Test Key 1

Model \*  
ET3

Organization \*  
Testing Org Legal Name15

Source IP \*  
1.1.1.1

Email \*  
testuser@test.com

Justification \*  
This is a test

CANCEL SUBMIT API REQUEST

DX ET3 ONBOARDING

### 7. Manage your key requests through API Manager

CMMI Centralized Data Exchange (CDX)

API Manager / REQUEST API KEY

Request Date	Key Name	Requestor Name	Model	Organization	Status	Key Expiration Date	Source IP Address	Action
08-28-2020	azure7	API RepFOUR	ET3	Testing Org Legal Name15	Active	10-27-2020	1.1.1.1	DEACTIVATE
08-28-2020	Test Key	API RepFOUR	ET3	Testing Org Legal Name13	Inactive	N/A	1.1.1.1	
08-27-2020	key	API RepFOUR	ET3	Testing Org Legal Name13	Inactive	N/A	1.1.1.1	
08-27-2020	demic	API RepFOUR	ET3	Testing Org Legal Name13	Inactive	N/A	1.1.1.1	
08-27-2020	apikey	API RepFOUR	ET3	Testing Org Legal Name14	Inactive	N/A	2.2.2.2	

Rows per page: 5 1-5 of 58

### 8. Submitting PCR records to CMS

#### SUBMIT DATA TO PRODUCTION

<https://cdx.cmmi.cms.gov/service.aspx>

#### WSDL

<https://cdx.cmmi.cms.gov/service.aspx?wsdl>

7

Thank You !!!